

ABSTRACT OF THE DISCLOSURE

An unknown optical disc is identified as a CD when an all sum signal value AS-max by a photodetector on a signal
5 surface of the unknown optical disc is larger than an all sum
signal value AS-cdref for CD signal surface reference for
identifying the CD and the hybrid SACD as a CD based on each
CD signal surface thereof, and a focus search driving voltage
Y corresponding to the signal surface of the unknown optical
10 disc is larger than a voltage value acquired by a predetermined
relational expression between a focus search driving voltage
Q corresponding to a DVD signal surface of a reference DVD
and a focus search driving voltage R corresponding to a CD
signal surface of a reference CD.